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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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23280 7590 09/28/2007 DAVIDSON, DAVIDSON & KAPPEL, LLC			EXAMINER	
485 SEVENTH	AVENUE, 14TH FLO		MORRISON, THOMAS A	
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.



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APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
10766275	1/28/2004	BANTLIN ET AL.	600.1297
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DAVIDSON, DAVIDSON & KAPPEL, LLC 485 SEVENTH AVENUE, 14TH FLOOR NEW YORK, NY 10018 EXAMINER

Thomas A. Morrison

ART UNIT PAPER

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DATE MAILED:

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Commissioner for Patents

The Return Order mailed September 19, 2007 states that a reference listed under the Evidence Relied Upon section of the Examiner's Answer filed May 1, 2006, is missing from the IFW file. Namely, (Definition of "simultaneous" in Webster's New International Dictionary, 2nd Ed. (1939) at page 2558).

Moreover, the examiner noticed that the examiner inadvertently listed "Definition of "simultaneous" in Webster's New International Dictionary, 2nd Ed. (1939) at page 2558" under the Evidence Relied Upon section. Rather, the Evidence Relied Upon section should say "Definition of "synchronous" in Webster's New International Dictionary, 2nd Ed. (1939) at page 2558".

These are minor deficiencies in the examiner's answer since the answer clearly sets forth the grounds of rejection. The examiner's answer mailed May 1, 2006 has been revised as follows:

(8) Evidence Relied Upon

6,142,463

Leichnitz et al.

11-2000

Definition of "synchronous" in Webster's New International Dictionary, 2nd Ed. (1939) at page 2558.

For the Board's convenience a copy of the Webster's dictionary definition of "synchronous" is provided with this paper. No response is necessary by appellant(s). The application is being returned to the Board of Patent Appeals and Interferences for docketing.

PATRICK MACKEY
SUPERVISORY PATENT EXAMINER
TECHNOLOGY GENTER 3600

* syn'carp (sín'kärp), n. Also syn-car'pi-um (sín-kär'pi-am), n.; pi.-Pta (-à). [NL. syn-carpium. See syn-car-pous.] Bot. A collective fruit.

syn-car'pous (sín-kär'püs), adj. [syn-+-carpous.] Bot. a Having the carpels of the gynoecium united in a compound ovary; — opposed to apocarpous. b Pertaining to, or characteristic of, a syn-carpous bear a syn-carpous syn'car-py (sin'kär-pl), n. Bot. Syn-carpous state or quality.

syn-car'py (sin'kär-pl), n. Bot. Syn-carpous state or quality.

syn-car'py (sin'kär-pl), adj. [Gr. synkatēgorēmatikos. See syn-; categorematic (sin-kăi'ēgōrēmatikos. See syn-; categorematic.] Logic. Not capable of standing alone as a name in a proposition; having significance only in conjunction with another word; as, a syncategorematic term; — opposed to categorematic.

— syn-cat'e-go-remat'(-cal-ly, adv.

syn-cat'e-go-remat'(-cal-ly, adv.

syn-cat'e-go-remat'(-cal-ly, adv.

syn-catego-rematic term. Rare.

syn-ceph'a-lus (sin-ski's-läy-lk), adj.

syn-ceph'a-lus (sin-ski's-läy-lk), adj.

syn-ceph'a-lus (sin-ski's-läy-lk), adj.

syn-ceph'a-lus (sin-ski's-läy-lk), adj.

syn-cephodro-sis (sing'kön-dröy-ls), n.; pl.-ses (-sēz). [NL., fr. gr. syn-cer-brum]. 2ool. The brain consisting of several segments, as in insectsor other arthropods.—syn-cer'e-bruit (-brdi), adj.

syn-chon-dro'sis (sing'kön-dröy-sis), n.; pl. ses (-sēz). [NL., fr. gr. syn-chon-drōsis (sing'kön-drō'sis), n.; pl. ses (-sēz). [NL., fr. gr. syn-chon-drōsis]

union is cartilaginous.—syn'chon-dro'si-al (-si-di), adj.

syn'chon-dro'sis (-kō-rēsis), n. [NL., fr. gr. syn-chon-drōsis union by cartilage + -tomy.] Surg. Symphyseotomy.

syn'chon-dro'sis (-kō-rēsis), n. [NL., fr. gr. syn-chrōrēsis, fr. syn+chōrēsis a going.] Rhet. A concession made, esp. in order to retort with greater force.

syn'chro-mesh' (sing'krō-mēsh'), adj. [syn-chronous +mesh' (sing'krō-mēsh'), adj. [syn-chronous +mesh' (sing'krō-mēsh'), adj. [syn-chronous.—n. A syn-chronous fing a gear system using this device.—n. A syn-chronous fing or event.

syn-chronous fing or e

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syn-chron'ic (sǐn-krŏn'ĭk), syn-chron'i-cal (-Y-kŭ]), adj. [Cf. F. synchronique.] Synchronous.—syn-chron'i-cal-

family of curves.

syn.chronfic (sin.krön'ik), syn.chron'i.cal (Y.köl), adj.

[Cf. F. syn.chronique.] Syn.chronous.—syn.chron'i.cal.

ly, adv.

syn.chronismos, fr. syn.chronizein to be contemporary with, fr. syn.chronous syn.chronous. See Syn.Chronous.

The quality or fact of being syn.chronous; concurrence of acts, events, movements, etc., in time; coincident existence; simultaneousness.

2. Chronological arrangement of historical events and personages, so as to indicate coincidence or coexistence; also, a table showing such concurrences.

3. Art. a A representation in the same picture of two or more events which occurred at different times. b Historical accuracy in detail in period architecture, decoration, etc.

4. Motion Pictures. Syn.chronized projection or operation.

5. Nav. Arch. The condition obtaining when a vessel's period is equal to one half the wave period.

6. Physics. The state of being syn.chronous.

syn.chro.nis/tic (sing/krōnis/tik), adj. Pertaining to, manifesting, or involving, syn.chronism; syn.chronous.—syn.chro.nis/tic (sing/krōnis/tik), adj.—syn.chro.nis/tical. (-ti.kdl), adj.—syn.chro.nis/tical. (-ti.kdl), adj.—syn.chro.nis/tical. (-ti.kdl), adj.—syn.chro.nis/tical.

syn.chro.nizac (sing/krōniz), v.; nized (-nizd); -niz/ing (-niz/ing). [Gr. syn.chronizein.] Intrans.: To happen or take place at the same time or instant; to be syn.chronous; as, the child's birth syn.chronized mith his father's death; the dancers' movements do not syn.chronize; the action and dialogue of the motion picture syn.chronize perfectly.—, Transitue: 1. To cause (events, acts, etc.) to be or to appear to be syn.chronous; to represent, arrange, tabulate, etc., so as to indicate coincidence or coexistence; as, to syn.chronize the bowing of the violinists or aggressive movements on all fronts; to syn.chronize two alternating-current machines.

2. To cause to agree in time; to render syn.chronous in operation, etc.; to syn.chronize two alternating-current machines.

3. Motion Pictures. To add (sound effects or dialog

chronism with the generator.

Syn'chro-nol'o-gy (sing'krō-nöl'ô-ji), n. [syn-+ Gr. chronos time+logy] Systematic arrangement of synchronous events.—syn'chron-o-log'i-cal (sing'krō-nō's)'r-krāl), adj. Syn'chronous, fr. syn with + chronos time. Cf. Chronocle.

Gr. synchronos, fr. syn with + chronos time. Cf. Chronocle.

J. Happening, existing, or coming into existence, etc., at the same time; concurrent in time; contemporaneous; symultaneous; as, synchronous events, geological deposits, or storms, in various parts of the country.

2. Of successive movements, sounds, operations, etc., from two or more things marked by exact coincidence in time, rhythm, rate, or the like; as, the synchronous beating of druns.

drums.

3. Involving or exhibiting synchronism; as, a synchronous account of the World War.

4. Physics. Having the same period; also, having the same period and phase; as, synchronous vibrations.

Syn. — See Contemporary.

— syn'chronous-inesse, Elec. A synchronous phase advancer, usually an overexcited synchronous motor equipped with damping windings to facilitate starting and to prevent surging and hunting. So called because overexcited synchronous machines draw leading current from the line and thus act like an electrostatic condenser. (Called also rotary condenser.

synchronous converter. Elec. A synchronous machine (which see) that converts from alternating to direct current, syn-ce/lom. Var. of syncoelom. syn'chro-nise. Var. of synchisis (sing'ki-sis). Var. of chronize. [-ABLE.] syn'chro-niz'a-ble, adj. See

or vice versa; — called also rotary converter. When converting from alternating current the machine combines the action of a synchronous motor and direct-current generator. When converting from direct current it is commonly called an inverted converter. The ratio of the alternating and direct current voltages is fixed by the construction of the machine. Cf. field-control converter.

Synchronous curve. Math. = Synchronous.

Synchronous machine. Elec. A dynamoelectric machine whose normal operating speed is exactly proportional to the frequency of the current. It has a constant magnetic field and an armature which receives or delivers alternating current in synchronism with the motion of the machine, the frequency of the current being equal to the product of the number of pairs of poles and the speed of the machine in revolutions per second. Such a machine may be a generator, motor, or converter. See CONVERTER, 4; SYNCHRONOUS CONVERTER; ALTERNATOR; MOTOR, n., 4.

Synchronous motor. Elec. A motor (sense 4) having a speed strictly proportional to the frequency of the operating current.

synchronous speed. Elec. A definite speed for an alternat-ing-current machine, dependent on the frequency of the sup-ply circuit. The rotating member passes one pair of poles for each alternation of the alternating current. synchronous telegraph. = MULTIPLE SYNCHRONOUS TELE-GRAPH.

GRAPH.

Syn'chro-ny (sĭng'krō-nǐ), n. Synchronous occurrence; also, syn'chro-scope (sĭng'krō-nǐ), n. Synchronous occurrence; also, synchronistic arrangement or treatment.

Syn'chro-scope (sĭng'krō-skōp), n. [synchronism +-scope,] Elec. An instrument which indicates synchronism between two sources of alternating current and in addition shows whether the incoming source, usually a machine, is fast or slow.

Syn'chy-sis (síng'ki-sĭs), n. [NL., fr. Gr. synchysis, fr. syncheen to confound.] 1. A confusion, as of words in a sentence.

syntence. sentence. 2. Med. Also syn'chy-sis scin'til·lans (sĭn'tĭ·lănz). =

syncheein to confound.] 1. A confusion, as of words in a sentence.

2. Med. Also syn'chy-sis scin'til·lans (sin'ti-lănz). =

Sparkilos synchy'sis.

— syn-chit'ic (sin'kit'īk), adj.

Having the branchlets tuited; — said of certain mosses.

Syn-clas'tic (sin'kit'īk), adj.

Syn-clinal (sin'tic'īk), adj.

Syn-clinal (sin'tic'īk), adj.

Syn-clinal (sin'tic'īk)

Syn-clinal (sin'tic'īk)

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peivis. sym.coe'lom (sĭn-sē'lom), n. [syn-+coelom.] Anat. The serous cavities of the trunk taken collectively; the pleural, pericardial, and peritoneal, cavities, and that of the

Syn-Gue-10mi (sin-se-10mi), n. Lsyn-T-cocone.] Anua. The serous cavities of the trunk taken collectively: the pleural, pericardial, and peritoneal, cavities, and that of the tunica vaginalis.

Syn'co-pal (sing'kô-pāl), adj. Of, pertaining to, or characterized by, syncope.

Syn'co-pal (sing'kô-pāl), v.; Syn'co-par'en (-pāt'ēd; -Id; 119); Syn'co-pat'ino (-pāt'īng). [LL. syncopatus, past part. of syncopate to syncopate, to swoon. See syncope.]

Transitive: 1. To contract by syncope; as, "Gloster" is a syncopated form of "Gloucester." Cf. syncope. n., 1.

2. Music. To modify or affect by syncopation.

Syn'co-pat'ed (-pāt'ēd; -Id; 119), adj. Marked by or exhibiting syncopation; also, having a rhythm or quality suggestive of syncopated music.

Syncopated counterpoint. Music. Counterpoint in which one note is added to each note of the cantus firmus after a fixed rhythmic interval.

Syn'co-pat'ton (sing'kô-pā'shūn), n. 1. A syncopating; also, a rhythm, dance step, etc., in syncopated time.

Shoes scuffing syncopations on the cement sidewalk. B. Tarkinglon.

2. Gram. Syncope; also, a syncopated word.

3. Music. a A temporary displacement or shifting of the regular metrical accent. The commonement of a beat and is continued into the following beat (see Illust. b). Syncopation may be effected also by a sforzando on a note not regularly accented, or by introducing a rest at the regular accent. b Ragtime or other dance music employing syncopation.

Syn'co-pa'tor (sing'kô-pē; -pē), n. [LL. syncope, syncopa, fr. Gr. synkopē a cutting up, a syncope; akin to Gr. synkoplein to beat together, to cut up, cut short, weary, fr. syn with the policy in the syn'cine'sia. Var. of synkine syndevictomy (sindkk'tism).

băt'l-Ing; ant from amete; ne'er for never: laundress for launderess). Cf. Syncopate, v. L., I; Elision; Haplologi. Launderess). Cf. Syncopate, v. L., I; Elision; Haplologi. 2. Med. A partial or complete temporary suspension; of acterized by sudden pallor, colless of the skin. 2nd charron complete unconsciousness; a fainting, or swooning.

4. Literally, a pause or cessation; suspension; contraction. Syncopies (sing'kô-pē; -pē), v. i. To be syncopated. Rare. Syncopies (sing'kô-pē; -pē), v. i. To be syncopated. Rare. Syn'co-pies (sing'kô-pē; -pē), v. i. To be syncopated. Rare. Syn'co-pist (sing'kô-pist), n. Cne who syncopates. eso. a syn'co-pist (sing'kô-pist), n. Cne who syncopates. eso. a syn'co-pist (piz), v. l. & i. To syncopate; 0bs. to faint. syn'co-pize (pīz), v. l. & i. To syncopate; 0bs. to faint. syn'co-pixe (pīz), v. l. & i. To syncopate; 0bs. to faint. syn'co-pixe (pīz), v. l. & i. To syncopate; 0bs., to faint. syn'co-pixe (pīz), v. l. & i. To syncopate; 0bs., to faint. syn'co-pixe (pīz), v. l. & i. To syncopate; 0bs., to faint. syn'co-pixe (pīz), v. l. & i. To syncopate; 0bs., to faint. syn'co-pixe (pīz), v. l. & i. To syncopate; 0bs., to faint. syn'co-pixe (pīz), v. l. & i. To syncopate; 0bs., to faint. syn'co-pixe (pīz), v. l. & i. To syncopate; 0bs., to faint. syn'co-pixe (pīz), v. l. & i. To syncopate; 0bs., to faint. syn'co-pixe (pīz), v. l. & i. To syncopate; 0bs., to faint. Syn'co-pixe (pīz), a di. Also syn'crai-gir (all with which certain vertebral elements are fused, as is considered to be the case in the skull of Amnioteral (cite'fix). syn-fixe fixed on the skull of Amnioteral (cite'fix). syn-fixed fixed on the syncopate (pīz), adj. Also syn'crai-sy (sing'krā-sī), n. [Gr. synkrasis.] A blending or combining of different things.

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syn'crai-sy (sing'krā-sī), n. [Gr. synkrasis.] A blending or combining of different things.

syn-cret'ic (sin-krā'/lk), adj. Syn-cret'i-cism (-i-krā'), adj. Syn-cret'i-cism

sīz'm), n. syn.cre'tion (sĭn.krē'shūn), n. [See syncretism.] An in-

the Greek genitive or the Latin ablative, which has absorbed the functions of one or more other cases.

— syn-cretti-cal ('I-kāl), adj. — syn-cretti-cism ('I-siz'm), n.

syn-crettion (sin-krē'shān), n. [See syncretisme, fir. Gr. synk-rātzismos, fir. synk-rātzismos, fir. synk-rātzismos (in (synk-rātzismos), fir. synk-rātzismos (in (synk-rātzismos)), fir. synk-rātzismos (synk-rātzismos), fir. synk-rātzismos), fir. synk-rātzismos (synk-ratzismos), fir. synk-rātzismos), fir. synk-rātzismos (synk-ratzismos), fir. synk-rātzismos (synk-ratzismos), fir. synk-rātzismos), fir. synk-rā

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2. Biol. = SYNAPSIS, 1.
Syn'des-mi'tis (sin'des-mi'tis), n. [NL., fr. syn-desm-+-itis.] a Inflammation of a ligament.
b Conjunctivitis.
Syn'des'mo (sin-des'mō'), syndesm. A Syndactylism. Combining form from Greek syndesmos, a ligament, as in syn'des mol'o gy, the anatomy of ligaments. For words below see the word or element with which syndesmo-, syndesm-, is combined syndesmeetopia syndesmoplasty syndesmorthaphy syndesmospaphy syndesmoplasty syndesmotomy syndesmosm's sign'des-mo'sis, n., pl. -Ess (-sēz). [Nl., if. Gr. syndesmos a band.] Anat. An articulation in which the contiguous surfaces of the bones are rough and are bound together by an interosseous ligament. — syn'desmot'ic (-mot'ik), adj.

syn'ci-ne'si-a. Var. of syneine-sia. syn'cli-nore, n. = synclinorium. syn'cra-cy, n. See syn-. synd. Var. of sind. syn-dec'to-my (sin-dčk'tô-mi), n. [Gr. syndesmos a band, bond +-ectomy.] = PERITOMY a. Syn.des/mon (sind&s/mon), n. NELLA.